

CLEAN COPY OF AMENDED CLAIMS

1. Process for producing a cylindrical component of glass, comprising
feeding a glass composition to a heating zone,
softening the glass composition in the heating zone,
continuously plastically deforming the softened glass composition in a
deformation zone to form a component, the deformation zone having a circumference,
determining a deviation of the determined cross-sectional geometry from a
nominal geometry of the component, and
locally heating or cooling the composition in at least one deformation area,
which extends over only a part of the circumference of the deformation zone, as a
function of the deviation of the cross-sectional geometry from the nominal geometry.

10. Apparatus for producing a cylindrical component of glass, said apparatus
comprising a feed device, a heating device, and a take-off device, where the glass
composition is fed continuously by the feed device to the heating device, in which it is
softened, and where the component is formed out of the softened glass composition by
means of the take-off device in a deformation zone, further comprising heating and/or
cooling means (4; 19) which act locally on at least one deformation area (18; 18a), which
extends over only part of the circumference of the deformation zone (14).

MARKED-UP COPY OF CLAIMS

1. Process for producing a cylindrical component of glass, comprising
feeding a glass composition to a heating zone,
softening the glass composition in the heating zone,
continuously plastically deforming the softened glass composition in a deformation zone to form a component, the deformation zone having a circumference,
determining a size and location of a deviation of [the] a determined cross-sectional geometry from a nominal geometry of the component, and
locally heating or cooling the composition in at least one deformation area, which extends over only a part of the circumference of the deformation zone, wherein said local heating or cooling is performed automatically as a function of the deviation of the determined cross-sectional geometry from the nominal geometry.

10. Apparatus for producing a cylindrical component of glass, said apparatus comprising a feed device, a heating device, and a take-off device, where the glass a composition is fed continuously by the feed device to the heating device, in which it is softened, and where the component is formed out of the softened glass composition by means of the take-off device in a deformation zone, further comprising heating and/or cooling means (4; 19) which act locally on at least one deformation area (18; 18a), which extends over only part of the circumference of the deformation zone (14) , and wherein the heating and cooling means (4; 19) are connected to an automatic control device (9), and, as a function of a control signal from a control device (9), these can be moved in the

direction of the longitudinal axis of the component (12) and adjusted in a circumferential
direction around the deformation zone (14).-